

XP-002106572

- 1/1 - (C) WPI / DERWENT
AN - 97-306602 c28!
AP - JP950279442 951026
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TI - Prepreg showing improved impregnation of glass fibre cloth - prepared by impregnating glass fibre cloth in mixture of polyphenylene oxide, crosslinking resin, auxiliary, inorganic filler and solvent
IW - PREPREG IMPROVE IMPREGNATE GLASS FIBRE CLOTH
PREPARATION IMPREGNATE GLASS FIBRE CLOTH MIXTURE
POLYPHENYLENE OXIDE CROSSLINK RESIN AUXILIARY INORGANIC FILL SOLVENT
PA - (MATW) MATSUSHITA ELECTRIC WORKS LTD
PN - JP9118759 A 970506 DW9728 C08J5/24 009pp
ORD - 1997-05-06
IC - B29B11/16 ; B29B15/10 ; B32B9/00 ; B32B15/08 ;
B32B17/04 ; C08J5/24 ; C08L9/00 ; C08L15/00 ; C08L71/12
FS - CPI;GMPI;EPI
DC - A18 A21 A25 A32 P73 V04
AB - J09118759 The prepreg is prepared by impregnating an opened glass fibre cloth with a varnish obtained by dissolving a resin component which contains polyphenylene oxide, a crosslinking resin, a crosslinking auxiliary and an inorganic filler having an average particle diameter of 1-20 μ , in a halogen-based solvent in a concentration of 40-70 wt.%, followed by drying.
- Also claimed is a metal foil-clad laminated sheet prepared by laminating the prepreg and a metal foil.
- Preferably the varnish is obtained by dissolving the resin component and inorganic filler in an aromatic solvent at 60-90 deg. C in a concentration of 50-80 wt.%. The varnish is cooled to 20-30 deg. C into a suspension in which the resin component is dispersed in a particle diameter of 0.1-100 μ .
- ADVANTAGE - The prepreg shows improved impregnation of glass fibre cloth with varnish and strong adhesion of resin component and inorganic filler.
- (Dwg.0/0)